

Candidates Speak On Rights

By Ronald D. Frashure
and Joseph Sullivan

Six candidates for major Massachusetts political offices presented their views on civil-rights problems last Wednesday in Kresge Auditorium.

The candidates were Stuart Hughes (Independent), Ted Kennedy (Democrat), and George Lodge (Republican) running for the U. S. Senate; Endicott Peabody, Democratic candidate for governor; and Edward Brooke, a Republican running for attorney general. Francis Kelly, the Democratic candidate for attorney general, was unable to appear but sent an envoy.

Panel Questions

Questioning the candidates was a panel representing the sponsoring organizations—Massachusetts Fair Housing Association, the National Association for the Advancement of Colored People, and the Congress on Racial Equality.

Each candidate answered three questions and then made a five-minute statement.

Hughes on Cloture

Hughes advocated amending the Senate cloture rule, which has permitted filibusters to defeat civil-rights legislation, so that a simple majority could limit debate.

Kennedy and Lodge agreed on this point, though Kennedy favored a three-fifths majority amendment as politically more feasible.

Hughes also advocated improving existing low-standard housing facilities as an alternative to construction of new housing that might be beyond the income of the present occupants.

Kennedy on Housing

Ted Kennedy expressed his sup-

(Please turn to page 9)

Influenza Shots Now Being Given By Medical Dept.

Free influenza shots for the student body are now being offered by the MIT Medical Department.

Students not covered by the MIT health insurance policy will be charged \$1.00 per shot. Shots are available at the Medical Clinic on the first floor of Building 11.

For Students Only

"At the present time, there is not a sufficient amount of influenza vaccine available from the wholesale drug firms to immunize the whole MIT community. It has, therefore, been decided that what vaccine is available will be reserved for students only until supplies are more plentiful," said Dr. Samuel D. Clark, Associate Director of the MIT Medical Department.

Shots will be given on a first-come, first served basis. Persons who have never had a flu shot should have two injections, four to six weeks apart. Those who have had flu shots need only one booster shot.

Influenza is already present in the Boston area, and it is possible that there may become sort of an epidemic during the winter months, continued Clark.

Epidemic Possible

Dr. Albert Seeler, Medical Director, feels there is a distinct possibility of an influenza epidemic this winter. Influenza runs in cycles and the number of cases of flu should rise this year. The last major epidemic of influenza was in 1958, when the incidence of "Asian" flu was quite high.

"Those who cannot or do not receive flu shots need not feel unduly concerned since the efficacy of the vaccine is far from being 100%.

"Furthermore, about 20% of those who are injected may experience harmless but, nonetheless rather uncomfortable reaction for a day or so," stated Clark.

If more vaccine becomes available, it will be offered to other members of the MIT community.



—Photo by Steve Teicher

Edward Kennedy, H. Stuart Hughes and George Lodge (l. to r.) clarified their positions on civil rights last Wednesday evening in Kresge Auditorium.

Bomb Hoax Fails To Break Up Civil Rights Meeting in Kresge

By Allen Womack

An anonymous bomb threat failed to break up the program at which the MIT Civil Rights Committee presented six major Massachusetts political candidates last Wednesday.

Unknown to the audience which overflowed into the aisles of Kresge Auditorium, a caller warned of a bomb in the auditorium that was set to explode during the discussion.

Bill Ferris, Kresge electrician, said he answered the telephone about 8:40 and heard a young man say, "There is a bomb in the auditorium, get those people out. It is set to go off in five minutes." In the background, Mr. Ferris heard what he described as young children whining.

Jim Murphy, manager of Kresge, then informed the MIT Security Patrol and the Cambridge Police and Fire Departments. The Patrol felt that the large crowd made it impossible to evacuate without panic.

Meanwhile, a search of the auditorium began, and Rev. Myron Bloy, chairman of the program, informed the candidates of the call. They all decided to stay.

No one was seen leaving the auditorium immediately after the call and the police assumed that if a bomb existed it would not be in the audience area. The Cambridge Police branded the message the work of a crank, but the search was continued. About 8:55, the caller repeated that a bomb was in the auditorium. Mr. Ferris replied, "Yeh, you told us that before." Both calls originated outside the MIT telephone system.

The meeting continued as scheduled. The audience left unaware that any threat had ever existed.

The Cambridge Police Department warned that overflow crowds will not be tolerated in Kresge in the future. If overflow crowds are anticipated, two City of Cambridge firemen must be employed to assure that the auditorium's seating capacity of 1238 is not exceeded.

Reverend Bloy commented later that there was "no question" that the caller's intent was to break up the meeting because of the nature of the sponsoring group. Massachusetts law provides for both fine and imprisonment of persons falsely reporting the location of an explosive.

Inscomm Gives Approval To New 'Weekend' Plans

By Herb Eagle

Inscomm has given informal approval to a plan for holding a campus social weekend February 22-24 (Friday, February 22, is Washington's Birthday).

The weekend, which may begin with a basketball game-dance on Thursday night, would feature a big-name-band formal on Friday night, and an entertainment show on Saturday night.

Committee members expressed the view that proximity to final exams was the major cause of poor attendance at last year's May weekend; hence the positioning of the new "Winter Weekend" at the end of the third week of the second term, hopefully before the first barrage of exams.

Council Reorganization Shelved

A plan to reorganize the Freshman Council on the basis of living-group rather than section representation was shelved by Inscomm after close to two hours of intense debate.

Those favoring the reorganization, which would have Freshman Council members elected by fraternities and dormitories on a proportional basis argued that:

(1) the present system of electing council members in the sections does not provide any effective structure for meetings or personal discussions between the section leader and his constituents;

(2) member of a section do not know each other well enough to form a basis for viable representation or communication — some freshmen belong to many sections or to none—whereas the freshmen in one fraternity or on one floor of a dormitory enjoy a more constant and intimate relationship. Thus the new council would be more effective in introducing the non-participating freshman to the operations and possibilities of student government;

(3) the present political nature of the council (i.e. its members are elected after a brief campaign and then constitute a voting body) ill befits its primarily academic and communicational nature.

Those who favored reorganization pointed out that a new, larger council (membership would be increased from 35 to about 60) could be divided into committees to research and discuss specific freshman problems, and then make recommendations upon which Inscomm could act.

Defenders of the status quo noted:

(1) the new system would encourage a division of delegates into fraternity and dormitory groupings, whereas present representation crosses living group lines;

(2) the present system is better suited to the proposed "freshman-feedback program", in which the Freshman Council would endeavor to assemble the suggestions and reactions of the freshmen

(Please turn to Page 11)

One-Third Of Undergrads Rated On The Dean's List Last Term

One-third of the undergraduate student body was on the Dean's List last term.

The seniors lead the other three classes with 38% of their class, receiving term averages of 4.0 or better. The freshmen came in a close second with 35% on

the Dean's List, while 32% of the sophomores and 28% of the juniors were also named.

The Class of '62 also leads the undergraduates with a 3.8 median average, followed by the Class of '65, with 3.7, and the Classes of '63 and '64, tied with an average of 3.5

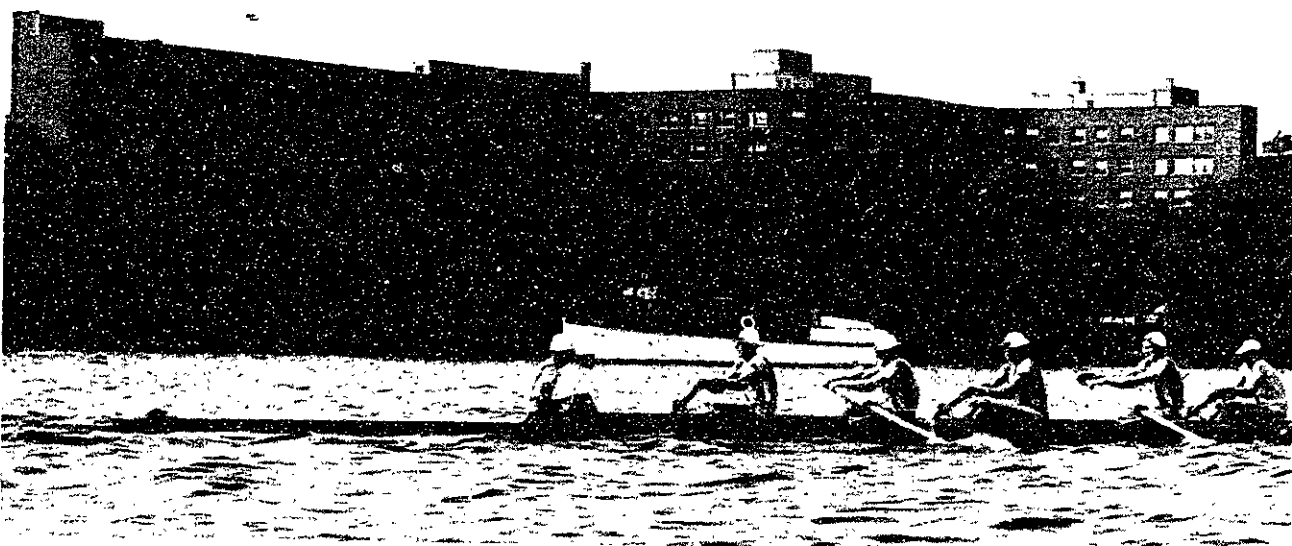
Four per cent of the grades during the 1961-1962 school year in undergraduate subjects were "E" "F" or "G".

The general average of fraternity groups was 3.6 while non-fraternity living groups posted a 3.7, compared with 3.6 and 3.5 respectively for the two preceding terms.

Beta Theta Pi was the highest individual living group with a 4.1.

The pledge class of Phi Beta Epsilon had the highest freshman average of any living group with a 4.3

The Tech



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Cambridge, Mass., Wednesday, October 3, 1962

Five Cents

Down-To-Earth Sputnik Analyzed Here

By Anne Vallee

A 20-pound piece of Sputnik IV which fell in Wisconsin on September 5 has been analyzed by Professor Grant of the Metallurgy Department.

Grant, a specialist in high temperature materials, did the analysis in cooperation with the Smithsonian Astrophysics Laboratory at Harvard.

Metric dimension construction in the welded steel piece labelled it as non-American.

The presence of radioactive argon-37 and manganese-54 proved that the 5-ton satellite had orbited in space. Manganese-54 is formed when cosmic rays strike

steel. The large amount of unstable Mn-54 which had decayed into chromium-54 showed the extended length of the flight. The flight began on May 15, 1960.

MIT kept a six-pound slice and sent the remainder to Los Alamos for radioactivity measurements. Analysis showed that the object was ordinary carbon steel. The Russians seemingly were more interested in a heavy payload than in sophisticated materials.

The small carbon content of the uneven part of the object (0.07%), compared with that of the other parts (0.21% to 0.31%), showed that the object had melt-

ed during reentry. Temperatures in the melted area reached about 1500°C. The rest of the chunk reached temperatures of 500 to 800°C.

Several other pieces have been found in the area of Manitowac, Wisconsin. None have been definitely identified. In accord with a U.N. agreement, the chunk will be returned to Russia as soon as U.S. investigations are completed.

Condition Exams

The Registrar's Office announces that applications for condition examinations are due Monday, October 8, in Room 7-142.

Average

1. Beta Theta Pi	4.1
2. Sigma Chi	4.0
3. Bexley Hall	3.9
4. Phi Beta Epsilon	3.9
5. Zeta Beta Tau	3.9
6. Chi Phi	3.9
7. Phi Sigma Kappa	3.9
8. Delta Tau Delta	3.8
9. Alpha Epsilon Pi	3.8
10. Alpha Tau Omega	3.8
11. Sigma Alpha Mu	3.8
12. Sigma Nu	3.8
13. Alumni Houses	3.8
14. Faculty Houses	3.7
15. Kappa Sigma	3.7
16. Sigma Phi Epsilon	3.7
17. Delta Kappa Epsilon	3.7
18. Baker House	3.7
19. Phi Kappa Theta	3.6
20. Theta Xi	3.6
21. Burton House	3.6
22. Sigma Alpha Epsilon	3.6
23. Student House	3.6
24. Lambda Chi Alpha	3.6
25. N R S A	3.6
26. Phi Delta Theta	3.5
27. Tau Epsilon Phi	3.5
28. Delta Upsilon	3.5
29. Pi Lambda Phi	3.4
30. Theta Chi	3.4
31. Theta Delta Chi	3.4
32. Phi Kappa Sigma	3.3
33. Phi Mu Delta	3.3
34. Delta Psi	3.2
35. Phi Gamma Delta	3.1

Three Hurt In Morning Fire

By Joseph Sullivan
Richard Martin, '63, and Laurence Demick, '63, both members of Sigma Nu, were injured early Monday morning in a fire which

struck the basement of the apartment house in which they were living.

Martin was admitted to Boston City Hospital with a severed artery in his arm. He was listed as in good condition Monday. He put his arm through a plate glass window while fleeing the blaze. Demick and Miss Vija Skudura were discharged from the hospital after treatment for smoke inhalation. Demick told The Tech that Miss Skudura was studying in the living room of their basement apartment when the fire broke out. Both men were asleep at the time of the outbreak, around six a.m.

Fire officials termed the blaze as "suspicious" and said that the arson squad was being called in.

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Fake 18.01 Quiz Appears A Day Early

By David Vanderwerf

Additional security measures may be instituted to protect 18.01 exams, according to Arthur P. Mattuck, professor in charge of freshman calculus.

He made the statement Monday, four days after a mimeographed sheet purporting to be the first freshman calculus quiz appeared in a freshman physics lecture. This sheet, slipped in among 8.01 assignment material at a Thursday afternoon lecture, was denounced as a fraud by the mathematics department immediately preceding the actual examination on Friday morning.

Copies of the sheet had seen wide distribution among freshmen Thursday night, but even then their validity had been questioned because of the number of typographical errors and mistakes in the general form. Also noted was the lack of material from a sheet of special supplementary homework problems which had been distributed by the math department during the previous week, and from which it had been announced one of the test questions would be taken.

Several students had called him Thursday night to inform him of the test's existence, Professor Mattuck said. He verified the fact that it was not the actual examination.

Also called was Professor George B. Thomas, Jr., lecturer in the course and author of the text used for 18.01, 18.02, and 18.03.

Friday, September 28, 1962

Time: 9:00 - 9:55

Quiz No. 1

Examination in
18.01 CALCULUS

NOTE: Students are not permitted to use any books, notebooks, or papers in this examination. If brought into the room, they must not be left on the desks.

Friday, September 28, 1962

Time: 9:00-9:55 A.M.

Quiz No. 1

Examination in
18.01 CALCULUS

For all sections using the Thomas Text

NOTE: No books or notes may be used. If brought into the room, they must not be left on the desks.

Arrows indicate the primary differences between the quiz, top, which circulated on Thursday and has since been disowned by the mathematics department, and the quiz, below, given on Friday to 18.01 students.

He had looked at the test previously and was able to check the general material in the final problem, he stated, and to assure himself that the two tests were not the same. "It was apparently a harmless prank," he stated. "It was meant to shake the students up, and accomplished its purpose."

The test was protected Thursday night by a member of the security force, Professor Thomas

stated. This statement was confirmed by Professor Mattuck, who added that although tests had been stolen in the past, there had always been sufficient time to change the examination before its administration. "Maybe we need a safe," he said.

Secretariat Conducts Freshman Elections In Physics Sections

Elections for freshman section leaders are taking place all this week.

Sophomore Secretariat members will conduct the elections which will be held in physics classes. Jack Dowie '64 is chairman of the elections.

Balloting will be preferential; the second place candidate will become an alternate to freshman council.

Freshman Council is responsible for class officer elections, planning freshman participation in Field Day, class pins, a class dance, and Freshman Feedback Committee, as well as smaller items.

A plan to reorganize the Freshman Council on the basis of living groups rather than section representation was shelved by Inscomm after close to two hours of intense debate.

The new method would have given each fraternity one representative, NRSa two representatives, and each dormitory six.

CLASSIFIED ADS

FOR SALE: 12 V. car radio, Monarch 8 transistor with built in speaker. Best offer over \$30. Worth \$45 new, never been installed. Bernie Yagad, x3782.

FOR SALE: 12 V. Motorola FM tuner for car radio. Worth \$74 new, never been installed. Best offer over \$50. Bernie Yagad, x3782.

WANTED: Fiat Shop Manual for 1957 1100 Model Sedan. Call Bernie Yagad, x3782.

DANCE COMBO: Guitar, sax, piano, bass, and drums. Ideal for parties — everything from rock and roll and jazz to mood music. Call Roddy McLeod at ext. 3203.

WANTED: Two drawer, legal size filing cabinet. Must be sturdy and have full suspension. Jason Fane, Runkle 306, 4 Ames St. X2892.

JAZZ PIANIST wanted to reorganize small combo for duration of school year. Call Bernie Yagad, ext. 3782 or KE 6-1139.

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Political Advertisement

Political Advertisement

HUGHES NEEDS YOU!

Five weeks remain in what is probably the most significant political campaign in 1962. Stuart Hughes, (Prof. of history at Harvard) running as an Independent candidate for the U. S. Senate against Ted Kennedy and George Lodge, has said:

"I HAVE ENTERED THE RACE FOR THE U. S. SENATE BECAUSE I BELIEVE THAT SOMEONE SHOULD BE TALKING ABOUT THE MAJOR PROBLEM FACING MAN: HIS VERY SURVIVAL."

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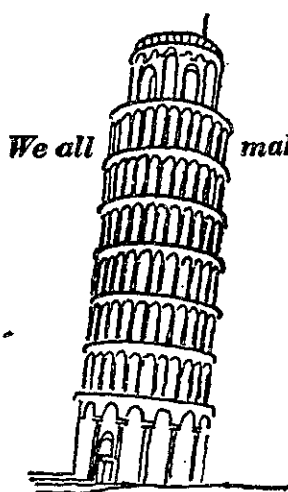
- 1) Weekly distribution of 300,000 topical leaflets at factory gates and downtown Boston. (This week's topic: civil rights.) Mainly Thursdays 3:30-5:30; other times, too.
- 2) Intensive house-to-house campaigning in selected precincts, done in small teams.

If you are not already working for Hughes, contact:

Joel Gladstone UN 8-6874

or

Richard Trilling UN 4-6629



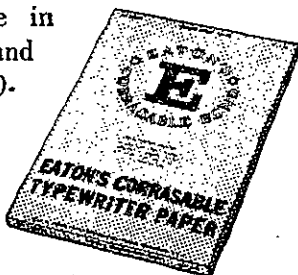
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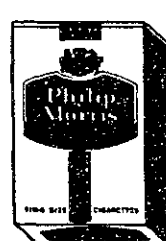
IN THE COLLEGE BRAND ROUND-UP

PRIZES: 1st prize—Decca HiFi Stereo
2nd prize—Tape Recorder
3rd prize—Polaroid Land Camera

RULES: Contest runs from October through November 9. Any Institute recognized living group may enter. Ballots will be bottom flaps of Marlboro, Parliament, Philip Morris and Apine.

WHO WINS: The living group collecting the most ballots will win the Contest.

Get on the BRANDWAGON ... it's lots of fun!



Three Faces Of Josh White



Three moods of Josh White after his concert at Kresge Auditorium last Saturday night, presented by the Baton Society. —Photos by Curtiss Wiler

Cherchez la Femme:

'Invitations' Clarified

By Dave Trevvett

At present this column is under bombardment from various sources, so my first act will be to present a few explanations:

Last week I said that the Wellesley mixers were "by invitation only." This in itself is correct, as invitations are sent out to various individuals and groups, and only those invited are expected to show up. I was wrong, however, in implying that one had to have an invitation with him to get in; while there is a token regulation to this effect, it's not really enforced. The problem is that while the girls want a lot of guys to show up, they don't want to be mobbed.

This Saturday the other half of the Wellesley dorms (Bates, Freeman, McAfee, Munger, Davis, etc.) will be having their mixers; better luck this time.

Now I'm forced to enter an apology and a desperate plea for leniency: it seems that the mixer I listed for Wheelock last Saturday didn't exist. This resulted from a misunderstanding of the date between myself and the social chairman of Peabody Hall; I can promise you that it won't happen again (I hope).

Actually that Wheelock mixer does exist: this week. But their dean was very distressed with the mob scene at the last freshman mixer, so this one is by invitation only. I'm not at liberty to say more, so you're on your own.

And now, to atone for my sins, a gem of information: a bus service is being initiated between the Wellesley campus and downtown Boston. Buses depart from Wellesley parking lots at 7 P.M. and unload at Park and Tremont streets. Fare is one dollar each way, and must be signed up for in advance. Departure for the return trip to Wellesley is at midnight. Unused tickets will be forfeited.

This will prove a useful way for Techmen without cars to get Wellesley dates to and from campus; but the service only operates on Friday nights. Contact Wellesley for further information.

As mentioned before, the Catherine Laboure School of Nursing is having its Harvest Mixer next Friday, October 5, at 2100 Dorchester st. The same night will see MIT freshmen enjoying their annual mixer in Walker.

Katherine Gibbs School is also having a mixer that night at Zero Marlboro Street, 8 P.M.

The student nurses at Massachusetts General Hospital will present their version of the Harvest Mixer in Bartlett House, 34 Blossom Street: October 5, 8-12 P.M., \$.75 admission, free refreshments. School I.D. might be required, so take your bursar's card.

Friday being a popular night, Bouve' Boston School (Tufts) is joining the crowd with an Autumn Mixer in Ruth Page Sweet Hall, 387 Boston Avenue, Medford: 8-12 P.M., \$.50 admission, refreshments. Music will be provided by the Rhythm King's Band.

Fisher Junior College will put in its bid for Friday night's mixer mob with an affair at the YWCA on Clarendon St. in Boston: 8-12 P.M., one dollar admission.

Various houses at Smith College including Hubbard House will be having an open house, also on the 5th, 7:30-11:30, with The Furies playing. And there's a rumor of a mixer at Lasell Junior College in Auburndale the same night.

Back on the Tech campus, Grad House will be holding its fall acquaintance dance with music by Richard Martin: October 5, 8-12 P.M., in the Campus Room. Women are admitted free but men have to pay \$1.25; refreshments will be served.

Last but certainly not least for Friday night, there'll be an

East House Mixer (Cabot, Whitman, and Eliot) in Cabot Hall, Radcliffe: 8-12 p.m. Music will be supplied by a small combo and a rock 'n' roll band. The girls themselves are preparing cookies and other goodies for refreshments. Although it's technically by invitation only, it usually doesn't work out that way.

One of the few mixers being held Saturday night is the Baker House Blast: guys one dollar, girls free. It'll start at 8 P.M. and end at some unbelievable hour.

There's also going to be an Outing Club square dance at Wellesley Saturday night: Alumnae Hall, 8 P.M., \$.75 admission. The Wellesley Weekly Bulletin states that "all members of the college community and their friends are invited." If you feel friendly enough, go ahead.

In weeks to come, I'll be bringing you more details on the Wheaton College all-campus mixer, October 12; the Senior House Beatnik mixer (featuring Wellesley girls), October 13; the Open House at Harriet E. Richards House (BU), October 27; and many others. See you again next week.

Prefab Schoolhouse Still Draws Interest On Memorial Drive

Two members of the Department of Architecture have designed a new prefabricated schoolhouse that can be adapted to any community need, quickly assembled, expanded and converted to new needs.

The new concept in school construction was based on a four-year study, headed by Professor Marvin E. Goody, in the Department of Architecture, of prefabricated building panels for construction purposes.

A demonstration model of the classroom has, for a year, been on exhibit just west of Burton House, on Memorial Drive. It uses eight of the structural trees to form a room 32 feet square, with an eight-foot overhang on all sides for sun protection.

"The room is manufactured, packed, shipped to the site, and erected for the same cost as the solid, inflexible classroom that is built today," Professor Goody said. "It can be erected in about one-tenth the time of a standard classroom the same size and, with air-conditioning, is designed to be used 12 months a year."

Five Were Elected To Activities Council

The Chinese Students Club, DeMolay, the Baton Society, the Student Metallurgical Society, and the Christian Science Organization were elected rotating members of the Activities Council for one year at its last meeting in May.

Rotating members may not be elected for two terms in succession. The Chairman of the Finance Board was made a permanent member of the Activities Council, but ineligible for office on the Council. The current Finance Board chairman is Peter Van Aken '63.

In other action Club Latino has been made a permanent member, bringing the total number of permanent members to 15.

Charter Flights

Any persons who desire to organize charter flights or group flights at MIT for the coming year should file application of intent with the Office of the Dean of Student Affairs prior to Wednesday, October 10. Forms may be secured at Room 7-133 tomorrow.

Harvard Bridge Is Falling Down; MDC To Repair

Harvard Bridge, the most direct span between MIT and the fraternities is crumbling and is in need of immediate major repairs.

At a June meeting of the Metropolitan District Commission, Chairman Robert F. Murphy declared that the repairs scheduled for this fall would force at least partial closing of Harvard Bridge. However, since that June meeting, Benjamin Fink, Chief Engineer of the MDC has reported that the plans have been changed.

Consulting engineers are still studying plans for major repairs of the bridge leaving only minor sidewalks repairs for this fall.

MDC Chairman Murphy reported that he found the roadway and steel expansion plates so depressed that they were knocking huge chunks of concrete from the undersides of the roadway. Cement encasing the underpinnings is also crumbling. As a result, scaffolding will be placed under two spans to protect boaters from falling cement, and all water traffic under the bridge will be restricted to these two spans. No major repairs have been made to the bridge since 1940.

Boston Library Hours

Mond.-Fri.: 9 a.m.-9 p.m.;
Sat.: 9 a.m.-6 p.m.;
Sun.: 2 p.m.-6 p.m.;
Closed on holidays.

Latin American Problems

Engineers Plan Research

Six students and three professors will study problems in Latin America. The people will be selected on the basis of availability. Some will be going down next summer for several months.

The projects in Latin America will last for two years with a year studying background information and field conditions and a year performing research. The work will be carried out by a team of six men, consisting of one professor and two students from both MIT and the Latin American university involved.

The teams are on a personal level, having just an agreement between the professors. The projects will end with the finishing of a technical report.

Plans for three projects in the Inter-American Program are coming to a close; the application of computers to Civil Engineering problems in Colombia, the use of natural materials in structural applications, and the study of human consequences of the introduction of modern technology to underdeveloped countries. There is also discussion on designs against earthquakes.

The central theme of the program is participation by foreign students and educators for new solutions to problems based on the latest technical advances.

The total budget will be about one million dollars over several years, much of which the Civil Engineering Department is still trying to get. The department has already received a three-year grant of \$250,000 from the Carnegie Corporation of New York.


Spanish classes, given by the department of modern languages, started September 26 to facilitate easy communication between members of the teams.

You Too Can Deface Posters - Legally

You may, in some cases, legally tear down annoying political posters.

The law says that persons who put any advertising or notices not required by law and without consent from the property owner, may be fined. Moreover, anyone offended by the notice may remove or deface it.

A Boston Herald editorial said, however, this does not authorize citizens to remove political signs from private property. It does apply to public property such as fire hydrants, pavements, trees along the road, and utility poles because the utility companies have not authorized posters.



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Unsigned editorials appearing in THE TECH constitute the opinion of the newspaper's Board of Directors, and not that of MIT. The newspaper welcomes letters from its readers. Space permitting, such letters will be printed in whole or in part, if deemed by the editor to be of sufficient interest or benefit to the community. Brevity increases the chance of publication. Anonymous letters will not be printed. Names will be withheld upon request.

NDEA

The four year old fight to remove the so-called "disclaimer clause" from the National Defense Education Act received a sudden and unexpected impetus last Thursday when the Senate voted without dissent to remove it. The clause, which has been protested by the Presidents of Harvard, Yale and Princeton, requires that students applying for aid under the bill swear that they do not believe in and are not members of the Communist Party. University administrators object to the existing clause on the grounds that it is unreasonable and unenforceable. In 1959, President Stratton was quoted as saying that the oath was "discriminatory", an "invasion of private beliefs," and "not a good way to develop patriotism."

The Senate revision would make it illegal for members of the Communist Party to apply for loans and retains a simple loyalty oath, placing the onus of responsibility on the student, where it properly belongs.

Unfortunately, the Senate revision is not expected to pass the House of Representatives, so that the curtailment of benefits by many top universities will be continued for an indefinite time. If it does not pass the house, it will represent an example of colossal shortsightedness on the part of the Representatives. The Tech feels strongly that the continued denial of this aid in the form of scholarships and loans to many highly qualified students is absurd. We feel that the Senate revision is reasonable and sufficient and we hope that many of our readers with an interest in these funds will make their voices heard in Washington.

Housing

MIT has a student housing problem. If you don't believe it just ask a Freshman who has to sleep on a cot and study on a card table. The problem is already critical now, but a solution may be two years in the future. What should MIT do and where should we try to do it? We agree with the administration in questioning the Ryerson's reports and recommendation that all undergraduate housing be centered in the West Campus area. When the Student Union is complete Walker Memorial becomes a likely candidate for remodeling as a dining and recreation facility for the East Campus houses, and increased dormitory space in this area would probably be less expensively and more quickly built than a new dormitory in West Campus.

It is hardly necessary to say that unless drastic changes in the present dormitories are made, a new dormitory will

have to be built, but the addition of a wing to the present East Campus houses would provide immediate relief from the squeeze and might allow the Institute time to become better able to afford construction of a new building. It is a sad comment on philanthropists, but it seems that the organizations capable of supplying the money necessary to finance such a new structure, while willing to donate for research centers and scholarships, are very hesitant about donating money for the student buildings which make them effective.

The cost of building a completely new dormitory now would seriously overtax the present dormitory system, and we are afraid that unless some positive measures are taken now toward constructing additional space in the present system, the prohibitive cost may force indefinite postponement and bring on a real housing crisis.

Guinea Pigs

Of the many ways to obtain a few quick dollars, probably few are better advertised than the opportunities to become a subject for one of the many experiments which are listed on Institute or dormitory bulletin boards. In many cases, the subject has no idea of the nature of the experiment or of the potential hazards involved prior to the actual testing. Considering the sizeable investment which both the student and the Institute have in each individual at MIT, we are happy to notice that the Medical Department has taken the responsibility of reviewing all experiments before students or others from the MIT community become subjects.

Since all requests for subjects should be referred to the Student Personnel Office, this Office will have a current listing of the approved projects in progress. Undoubtedly, there are students who are interested in experiments for reasons other than the monetary remuneration usually offered. These students as well as those desiring to take part in long term projects as a source of income are encouraged to use the files of the Student Personnel Office for those projects which have been approved by the Medical Department. For personal peace of mind, students should consult the Student Personnel Office or the Medical Department before taking part in any experiment. With a listing of currently approved projects readily available, both the interests of the students involved and the requirements of the experiment can be satisfied.

Pharmacy

Since the burning of the Hennessy Block MIT has been without a pharmacy near its campus. The difficulty in obtaining medical supplies near the campus, especially on the weekends, has caused a great deal of concern in the MIT administration, but has brought little positive action. The Harvard Cooperative Society inquired into the possibility of setting up a pharmacy under Coop auspices and was told by the Massachusetts licensing board that such a pharmacy would have to be owned by the pharmacist and would have to be staffed by two registered pharmacists at all times, making the operation impossible for that organization.

It seems a bit unreasonable that MIT students living smack in the heart of one of the nation's cities should be faced with a walk of nearly a mile to get medical supplies. The Star Pharmacy in Cambridge offers a delivery service, but they are closed on Sunday. Since a Student Union pharmacy is at least two years in the future, we think that it is time that plans were made for the interim. The easiest solution might be to set up a dispensary in the medical department. Another alternative would be an order and delivery service through the firm. Whatever is done should be done before the onset of New England Winter and its incumbent colds.

Letters to The Tech

Moviegoer Protests Audience Reactions To The Editor:

The LSC presentation of Exodus gave an opportunity for the observation of a characteristic shamefully present in all human beings: our frighteningly omnipresent ability to laugh. We laugh at unskilled humor; we laugh at unskilled humor. To hide embarrassment we laugh at melodrama or "corniness"; we laugh at flickering lights on a screen; at irony; at disappointment, scratched fingers, shattered knees, and maimed limbs. We should blush to say we laugh only not to weep, that in our sincerest laugh there is pain. In weeping there is strength, in laughing, cowardice. "They laugh that win," said Shakespeare: "it is safe for us to sit on our fat, and laugh at anguish, to display our beastliness in hollow raucousness issuing from vacant minds while there

is no challenge to our own security. But the same people who chortle in glee at the melodrama of a film actor's imitation of falling dead with a knife supposedly in his back would display less of their wit were they to find their own children murdered by a prowler."

Can a truly sensitive person laugh at cruelty? It is certainly a mark of little dignity to laugh at suffering, even when portrayed amateurishly by an unskilled actor on a picture screen. The fact that a film like Exodus — and Exodus is only one instance — can evoke as much crude laughter as it did from an audience comprised of individuals of supposedly conscientious sensibilities is degrading to MIT. If for no better reason than the preservation of self respect, such shameful behavior should be restrained if we wish to remain at all proud of our school.

Robert DiGrazia

Kibitzer

By MICHAEL LINAH

Without a doubt, defense is the hardest part of bridge. The novice is usually lost in the defense of the hand, for the same lead may win on one hand and lose badly on the next. Some defense is completely abstruse and mystifying, requiring top-notch analysis. This magic the beginner puts aside or passes over as being for the expert. But some defensive plays are simple, mechanical, and exact. These are the plays that cannot be thrown away or missed, for they are the last vestige of defense found in the average player's game. Take today's hand, North-South reaching a four spade contract after a two heart overcall by East. Looking at all four hands it can be seen that the contract can be set three tricks, the heart Ace, the Ace, King of diamonds, two club ruffs and a heart ruff. Very simple, but there are only a few ways that this can be accomplished, and there is a simple tool available to find them. West opens the Queen of hearts, East wins it with the Ace and returns the three for his partner to ruff. That small heart is the tool, for it is a signal for partner to re-enter East's hand. It requests him to lead the lower of the two suits remaining after trumps and the suit led. West ruffs, and leads the two of clubs. East ruffs, and after noting that declarer now is also out of hearts, has a choice of plays. He can lead another heart, hoping his partner has the Jack of Spades, or he can lead a diamond, hoping to find the Ace in his partner's hand for another club ruff. The tool again — West would definitely would have returned his highest club if he had the Jack of spades and could overruff declarer. The low club tends to show something in diamonds. So East underleads his King of diamonds to get to his partner's Ace, recieves a club ruff, cashes the King of diamonds for down three. Simple, isn't it? The correct defense was

NORTH
♠ A K Q
♥ K J 2
♦ Q J 10
♣ Q 8 7 4

WEST
♠ 10 6 4
♥ Q
♦ A 8 7 3
♣ J 10 9 5 2

EAST
♠ 9 3
♥ A 10 8 7 5 4 3
♦ K 6 5 4
♣ —

SOUTH
♠ J 8 7 5 2
♥ 9 6
♦ 9 2
♣ A K 6 3

East-West Vulnerable.
The Bidding:
North South West
1 no trump 2 ♥ 2 ♠ Pass
3 ♠ pass 4 ♠ all pass
Opening Lead: Queen of Hearts

not found once when the hand was played seven times at the MIT club. Remember, when you and your partner are trying to obtain ruffs to set a contract, be careful what cards you lead. Highcards promise higher outside suit values, low cards, lower outside suit values. Also, be sure to lead a middle card if you have no values to show. Defense this easy is too good to pass up.

Puzzler: Answer to last weeks hand:
As South you hold:
♠ Q J 10 8, ♥ —, ♦ K J 9 4,
♣ A K J 10 7
The bidding:
SOUTH WEST NORTH EAST
1 ♣ pass 1 ♣ pass
4 ♠ pass 4 notrump pass

What do you bid now? Six diamonds. The correct procedure to show a void with the Blackwood Slam Convention is to bid the suit showing the number of aces you have but on the six level. Bid six in the trump suit if that suit is higher than the trump suit. This weeks hand:
As dealer you hold:
♠ — ♥ Q J 10 9 6 5 2 ♦ A K Q
♣ A K Q
What is your opening bid?
Answer next week.



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On Campus with Max Shulman

(Author of "I Was a Teen-age Dwarf", "The Many Loves of Dobie Gillis", etc.)

WRITE? YOU'RE WRONG

In the recent furor over the assassination of President McKinley, it may have escaped your notice that a nationwide study of the writing ability of American college students has just been published.

The survey reveals an astonishing fact: that when students have completed their freshman year and are no longer required to take English, their writing skill progressively declines until we come to the fantastic situation where graduating seniors actually are poorer writers of English than incoming freshmen!

Many theories have been offered to account for this incredible fact. Some say that seniors know less English than freshmen because all seniors major in French. This is not true. No more than 94 percent of seniors major in French. How about the other six percent?

Well sir, of the other six percent, half—or three percent—take physics, and it is not hard to understand how these poor souls grow rusty in English when all they ever say is "E equals MC squared."

Of the remaining three percent, two-thirds—or two percent—major in whaling, and their English too grows feeble with disuse. Whalers, as we all know, do not speak at all except to shout, "Thar she blows!" maybe twice a year.

Of the one percent remaining, it cannot be fairly said that they are poor writers. The fact is, we don't know what kind of writers they are. Why not? Because they never write. And why don't they ever write? Because this remaining one percent of American college students are enrolled at the University of Alaska, and never take their mittens off.

(Incidentally, I received quite a surprise upon first visiting Alaska two years ago when I was invited to Juneau to crown the Queen of the Annual Date Palm Festival. Frankly I ex-



pected to find a surly and morose populace. After all, going through life with your mittens on all the time is hardly calculated to make you merry as a cricket. Not only can't you write, but you miss out on all kinds of other fun things—like three card monte, making shadow pictures on the wall, and lint picking. However, to my astonishment, I discovered Alaskans to be a hale and gregarious group, mittens notwithstanding, and I soon found out why: because mittens notwithstanding, they could still smoke Marlboro Cigarettes, still enjoy that rich mellow flavor, that fine, clean Selectrate filter, that truly soft soft pack, that truly flip-top flip-top box—and that, friends, will make anybody happy, mittens notwithstanding. In fact, Alaskans are the happiest people I have ever met in the whole United States—except, of course, for the Alaskan vendors of Marlboro Cigarettes, who have not been paid in many years—indeed, never—because how can anybody dig out coins to pay for cigarettes when he is wearing mittens?)

But I digress. What are we going to do about this deplorable condition where college students, having completed Freshman English, become steadily less proficient in the use of the language? The answer is simple. We will make them take Freshman English all through college. In fact, we won't let them take anything else! This solution, besides producing a nation of graceful writers, will also solve another harrowing problem: where to park on campus. If everybody takes nothing but Freshman English, we can tear down all the schools of law, medicine, engineering, and whaling, and turn them into parking lots. Can't we?

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The makers of Marlboro, who sponsor this column, plead guilty to being among those Americans whose writing skill is not all it might be. However, we like to think that as tobaccoists we know a thing or two. Won't you try us and see if you agree?

College World

Unprovoked Attacks At Harvard, Yard Residents Face Extermination

By Toby Zidle '63

It just wasn't safe to walk through Harvard Yard. Women were warned to carry a short stick or umbrella to ward off unprovoked attacks. State officials were notified of the menace. They arrived, armed with nets and guns, to search every square inch of the Yard for clues. Harvard University police closed off the Yard to prevent students from interfering.

The Great Hunt was on! Oh, May was a bad month for the squirrels! It all began when a squirrel last May, jumped in front of a Harvard man and bit him. Less than two hours later, the squirrel sprang from a tree and attacked the wife of an instructor. She successfully fought it off with an umbrella.

A University Health official said that the unprovoked attacks were so unusual that the possibility of rabies epidemic had to be considered. State health officials were notified and arrived the next morning, armed with nets and shotguns, to capture at least fifty squirrels for blood tests.

A Harvard lecturer on animal immunology warned that "even if as few as one per cent of the squirrels are infected, in all likelihood the entire squirrel population in the Yard will have to be exterminated with poisoned bait. The moment we can confirm the presence of rabies, action will be taken."

"And above all," he added, "do not think of our Yard squirrels as cute little pets; they are potential murderers."

Character Analysis

Did you know that students' personalities can be classified on the basis of their grades? This is the contention of James E. Cronin, an English professor at St. Louis University.

Students with B grades are "the sturdy types, the backbone and conscience of the country," he said.

The genuine B's are serious-minded, hard-working, and their grades rarely go up and down. They seem to get the same grade in any subject and will never become an A unless they are mistaken for one by an easy grader.

The C's on the other hand, are the masses, "generally docile, law-abiding and respectable because it is the thing to be, easier, safer, or on the whole, the best policy."

The real C's, Cronin added, will not come up with an original idea, although they may be sure they have. They write amazingly alike, happen to love clichés, and find a remarkable similarity between their own paragraphs and those of Newman, Thomas, Brown, and Hemingway.

Further down the scale come the D's, which Cronin considers a catch-all, rather unstable division, and quite uninteresting. This group is comprised mainly of unusually lazy C types who have put up just enough struggle against their fundamentally workless ways to barely stay in college.

At the bottom of the scale are the F's, a somewhat confused group which includes the lifetime member who is hopelessly inept, a poor reader, inarticulate, deficient in memory, un-organizable, incapable of generalizing correctly, and never able to progress to the second semester of his college education.

The top of the scale, the A's, Cronin considers the most interesting, but at the same time the most difficult to assess. These include the future leaders, teachers, healers, judges, and occasionally, destroyers.

Some of the members, usually the science-oriented ones, seem as a group to be unstable and strange, but are, in actuality, steady and stolid.

Comparison Of A And B

More often than not, the A does

not approach working as hard as the B, rarely hitting his books for hours on end, or with the serious, brow-wrinkled, shoulder-hunched appearance of the intellectual. For this, and for his extraordinary memory and organizing mind, he is envied by the B.

Although the A may often conceal his feelings, he often has little respect for authority. He is the type to judge others, including his teachers, and may even refuse to work for those he does not admire.

Unlike the B whose grades are all the same, the A can be brilliant in science or mathematics and helpless in literature, but until he reaches college, this unevenness does not show up.

Much like the B, the A will fight hard for an ideal, although he may never reach the wholehearted commitment that the B does.

Free Education Not Sufficient

In a recent issue of Redbook, sociologist Margaret Mead said that all college students should be paid salaries for performing their schoolwork. She said they should no longer be financially penalized for the time they spend studying; time during which their less intelligent, ambitious or creative contemporaries are earning money and gaining experience in their chosen fields. She deplored the custom of making college students "suffer now for what they may be able to do later."

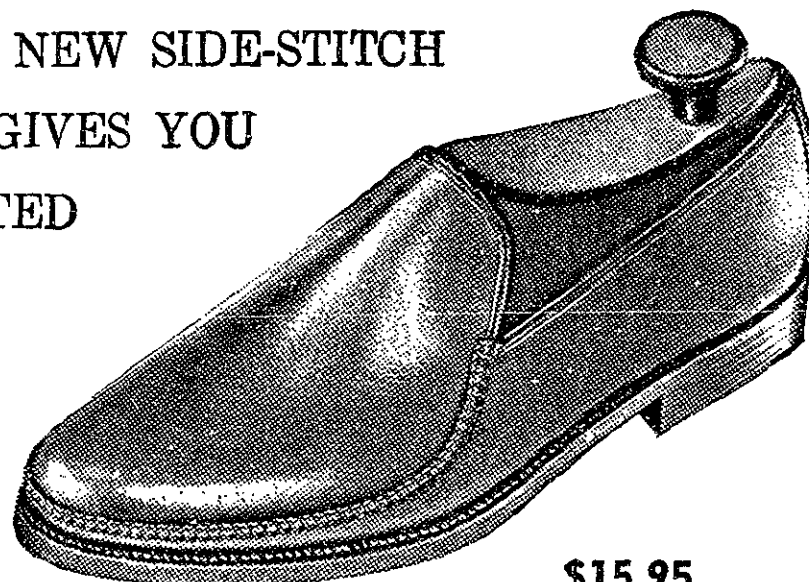
A "free" education is not sufficient, stated Dr. Mead, since it does not account for the student's living costs. She cited the fact that one third of the young people who are clearly college material do not go to college, and maintained that the reason for this is their unwillingness to either go being supported by their parents, or to scrimp along on the money they can earn at part time jobs which actually interfere with their studies.

Quote Of The Week:

From the Checker Views (Checker Taxi Co., Boston): "On a Tennessee back road: 'Take notice when this sign is under water the road is impassable.'"

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Tech Coop

Playwright Kopit To Lead Drama Discussion in Kresge

Arthur L. Kopit, author of "Oh Dad, Poor Dad, Mama's Hung You in the Closet and I'm Feeling So Sad," will lead a playwrights' panel Sunday, October 13, in Kresge Auditorium.

The occasion will be a convention of the New England Theatre Conference, which students may attend for \$1.00. Kopit's panel is to discuss the convention's theme, "Theatre of the Free World," beginning at 10:15 a.m.

At 2:30 p.m., scenes from "The Threepenny Opera," will be presented by the Charles Playhouse of Boston, and author Bertold Brecht will be discussed.

Avant garde theatre directing techniques will be demonstrated through scenes from "The Zoo Story" at 3:30 p.m. by Samuel Hirsch, co-producer of the Actors' Playhouse of Boston.

Other features of the convention include a luncheon at 12:15 p.m., where achievement awards will be presented. Lawrence Langner, founder of New York's Theatre Guild, will receive the Conference's sixth annual award for outstanding creative achievement.

To stimulate production of plays which exemplify the spirit of the free world, plays which stress the virtues of freedom and human dignity and of courage, faith and hope, will be noted especially by the presentation of the first of an annual series of "Moss Hart Memorial Awards for Plays of the Free World."

The final event of the conference will be the meeting of the New England High School Drama Festival Council.

movies ...

Bunuel's 'Viridiana' Mocks Religion

By Tomas R. Guillermo and Gilberto T. Perez-Guillermo

"Thank God I am still an atheist," once said director Luis Bunuel, and the spirit of this phrase is the spirit of "Viridiana." Made and banned in Spain, banned in France, "Viridiana" is an attack on, but mostly a mockery of religion.

The film portrays the evolution of a girl about to become a nun who finally gives up her faith. The film is divided into three sections, corresponding to the three stages in the girl's character.

First, there is the meeting of the pious girl and her lecherous uncle. Here Bunuel's talent for contrast is manifest, particularly in two scenes. When the girl walks in her sleep, a mixture of religious ritual with Freudian symbolism and the uncle's desire achieves great effect. Bach's B Minor Mass is in the background. When her uncle dresses her up in her late aunt's wedding gown and takes her to bed, her frigidly and his lust make a sharp contrast. Here Bunuel uses a contrapuntal scene with a little girl most effectively: it alleviates the tension while increasing the expectation.

In the second section, the girl has given up the convent but not her faith. She is faced with real life and her worldly cousin. She

"VIRIDIANA," directed by Luis Bunuel; written by Luis Bunuel, et. al.; produced by Gustavo Alarista; photographed by Jose Aguayo.

CAST
Viridiana Silvia Pinal
Don Jaime Fernando Rey
Jorge Francisco Rabal
In Spanish, with English subtitles.

is practicing charity on her own by helping a group of beggars, and Bunuel wants to make it clear that this will be of no help. Her cousin objects, but Bunuel shows his weakness by making him free a dog, perhaps implying that it is a basic human weakness. Bunuel's point throughout is that particular acts of charity won't alleviate the great tragedy of mankind.

There are great scenes. When the girl and her beggars pray, the mechanistic nature of prayer is shown by intermixing shots of construction work. And the climax of the film is a parody of the last supper in the beggars' orgy. The last supper picture, with Jesus as a blind man, is a most impressive spectacle. Handel's Messiah is in the background.

Then there is the brief finale. Twice shocked by the outcomes of her Christian acts, the girl joins her cousin in his worldly life. This last, ironical scene is very amusing. A rock'n'roll is in the background.

Bunuel once more proves a master. Not a minute is wasted, everything has its purpose, and the action moves fast. As usual (e.g. "L'Age d'Or", "Nazarin") he makes extensive use of symbolism — phallic symbols, animals, and religious objects appear throughout. The photography is excellent, and an imaginative use is made of montage and slow camera movements. Bunuel's style is somewhat old-fashioned (he always takes care of linking scenes by some common object — women walking, water dripping), but this somehow fits his material perfectly. "Viridiana" is a masterpiece.

Movie Schedule

(Unless otherwise stated, the Sunday schedule is the same as the weekday schedule except no movies are shown before 1 p.m.)

ASTOR — "Music Man," Mon.-Sat. at 9:00, 11:30, 2:00, 4:35, 7:05, 9:35; Sun. at 1:10, 3:45, 6:22, 9:00.

BEACON HILL — "A Very Private Affair," 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00.

BOSTON CINERAMA — "The Wonderful World of the Brothers Grimm," Mon. Tues. at 8:30; Wed. Thurs. at 2:30, 8:30; Fri. 8:30; Sat. 1:30, 5:00, 8:30; Sun. 1:30, 5:00, 8:15.

BRATTLE — "Last Year at Marienbad," 5:30, 7:30, 9:30; matinee Sat. at 3:30. Starting Sunday, "The Hustler," 2:10, 5:20, 7:30, 9:50; weekdays, 5:10, 7:30, 9:50.

CAPRI — "Pressure Point," today at 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00; Thurs. 10:00, 12:00, 2:00; "Anna Karenina," starting Thurs. 6:00, 8:00, 10:00.

COLLIDGE CORNER — "Carry on Teacher," 1:30, 7:45, 9:45; Sat. Sun., 1:45, 3:45, 5:45, 7:45, 9:50.

DONNELLY MEMORIAL — "Der Rosenkavalier," Oct. 3-6, 8:00.

EXETER — "Waltz of the Toreadors," 2:05, 3:50, 5:40, 7:25, 9:15.

FENWAY — "Viridiana," 1:37, 3:36, 5:35, 7:34, 9:33.

FINE ARTS — "White Nights," starting Thurs., 5:30, 7:45, 10:00 Sat. Sun., 1:00, 3:15, 5:30, 7:45, 10:00. Also, "The Mischief Makers," times unavailable.

GARY — "West Side Story," 8:30; mat. Wed., Sat., Sun. at 2:30.

HARVARD SQUARE — "The Sky Above, the Mud Below," 3:15, 6:20, 9:25; Peter Sellers in "I Like Money," 1:55, 5:00, 8:00 (through Saturday).

JOHN HANCOCK HALL — "Richard III," Oct. 4-6, 7:00, 9:30; Sat., 2:30.

KEITH MEMORIAL — "Hands of a Stranger," 9:35, 1:00, 4:30, 8:00; Sun., 1:05, 4:30, 8:00; "No Man is an Island," 11:00, 2:30, 6:00, 9:30.

LOEW'S ORPHEUM — "I Thank A Fool," 11:30, 2:50, 6:10, 9:30; "Watch Your Stern," 9:50, 1:15, 4:35, 7:55, Thurs.-Wed., "Sword of the Conqueror," "Explosive Generation," no times available.

MAYFLOWER — "The Notorious Landlady," 9:30, 1:15, 5:10, 9:00; Sun., 1:05, 6:00, 8:50; "Only Two Can Play," 11:30, 3:20, 7:10; Sun., 3:10, 7:00.

MIT — Friday, "Citizen Kane," Kresge Aud., 6:30, 9:00; "Sons and Lovers," Saturday, Room 10-250, 5:15, 7:30, 9:45.

PARAMOUNT — "The Pigeon That Took Rome," 9:35, 12:35, 3:30, 6:25; Sun., 1:00, 3:55, 6:45, 9:40; "Cry Doublecross," 11:20, 2:15, 6:10, 8:10; Sun., 2:40, 6:35, 8:25.

PARK SQUARE CINEMA — "Divorce Italian Style," 1:30, 3:30, 7:30, 9:30.

PILGRIM — "Last of the Vikings," 1:30, 1:46, 5:02, 8:15; Sun., 1:00, 4:20, 7:40; "Son of Sampson," 9:00, 12:15, 3:30, 6:45, 10:00; Sun., 2:45, 6:05, 9:30.

SAXON — "Damn The Defiant," 9:45, 11:25, 1:30, 3:35, 5:40, 7:45, 9:50.

UPTOWN — "Birdman of Alcatraz," 12:45, 4:55, 9:15; Sun., 1:00, 5:05, 9:20; "Two Weeks in Another Town," 11:00, 3:10, 7:20; Sun., 3:15, 7:25.

Theatre Schedule

ACTORS PLAYHOUSE — "The Father," Tues.-Fri., Sun., 8:40; Sat., 7:30, 9:30.

CHARLES PLAYHOUSE — "Three Penny Opera," Tues.-Fri., 8:30; Sat., 5:30, 9:00; Sun., 3:00, 7:30.

COLONIAL — "Seldman and Son," Thurs.-Sat., 8:30; mat. Thurs., 2:15; Sat., 2:30; "Beyond the Fringe," starting Monday, 9:00.

LOEB DRAMA CENTER — "Captain Brassbound's Conversion," through Sat., 8:30.

WILBUR — "Tchin-Tchin," opening Sat. eve., 8:30; mat. Wed., Sat., 2:30.

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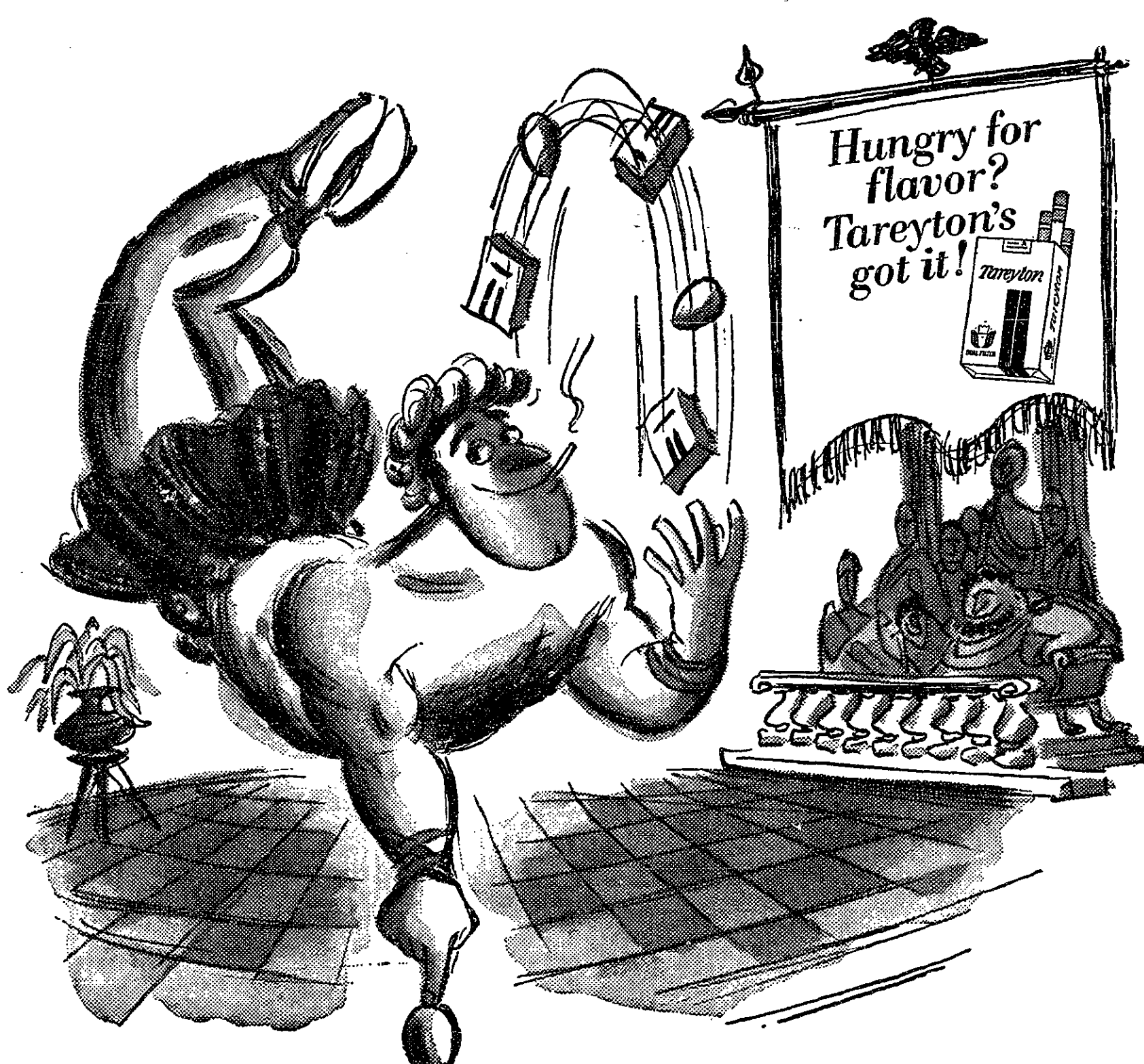
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Making the Scene

LECTURES
Willy Brandt, mayor of Berlin, speaking on "The Ordeal of Co-Existence"; today, 8 pm, Sanders Theatre, Harvard.
Dr. Ralph Bunche, speaking on "The United Nations Meets Africa's Challenge," on the Ford Hall Forum, Sunday, 8 pm, Jordan Hall.

MUSIC
Organ Recital, Sunday, John Hancock Hall.
Wellesley Concert Series, Ruth Post, violinist, and David Barnett, pianist, both members of the Wellesley faculty, will play a concert including some of the early works of Beethoven and Gabriel Faure. Sunday, 8 pm, Jewett Arts Center, Wellesley College; free.

Charles Lichter, violinist, and Ralph Oxman, cellist, will play a program of compositions by Beethoven, Martinu, Rivier and Kodaly; Sunday, 3 pm, Gardner Museum; free.
The Weavers, Folklore Concert Series, Friday, Oct. 12, Symphony Hall;

tickets \$2.20 to \$4.00.
BSO Open Rehearsal, Thursday, Oct. 11, 7:30 pm, Symphony Hall.

MOVIES
"Richard III," starring Laurence Olivier; John Hancock Hall, Thurs., Fri. Sat. only, 7 and 9:30 pm. Price: \$1.50. Sat. mat., 2:30, price \$1.00.
"Hamlet," starring Laurence Olivier; John Hancock Hall, Oct. 10-14, 7 and 9:30 pm (\$1.50). Mat. Sat., Sun., 2:30 pm (\$1.00).

"Der Rosenkavalier," movie version of the Strauss opera; Thurs., Fri. Sat., 8 pm, Donnelly Memorial Theatre.

LSC Classic Series, "Citizen Kane," Orson Welles' groundbreaking film on the theme of power and its abuse. This is the story of a controversial public figure as seen through the eyes of the people in his life. (USA, 1941). In a recent movie-critic poll made by the film magazine Sight and Sound, this film was voted the best movie ever made. Friday, 6:30, 9 pm, room 10-250.

LSC Entertainment Series, "Sons and Lovers," From D. H. Lawrence's novel about a young, talented, amateur artist tied to his mother's apron strings who tries to understand life through two love affairs, both disappointing. Trevor Howard, Dean Stockwell, Wendy Hiller, Mary Ure; Saturday, 5:15, 7:30, 9:45 pm, room 10-250.

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Michael's 'Tchin Tchin' To Open At Wilbur

The pre-Broadway opening of "Tchin Tchin," a new play by Sidney Michaels, starring Anthony Quinn and Margaret Leighton, will be Saturday October 6, at the Wilbur Theatre in Boston.

Under the direction of Warner Leroy, this adaptation of a French play by Francois Billeldoux, which now bears a Chinese title meaning both hello and goodbye, portrays the unusual and romantic reactions of a man and woman whose respective marriage partners are engaged in a love affair.

The play will be shown each evening, with matinees Wednesday and Saturday. Prices range from \$2.20 to \$5.50.

Open Rehearsals Set By BSO, Leinsdorf

The Boston Symphony Orchestra will hold its traditional Open Rehearsals at Symphony Hall this year. Director Erich Leinsdorf will conduct the rehearsals on eight Thursday evenings from October 11 to April 4.

Subscription for the entire series is \$12.00, while single tickets are \$2.00. Series tickets may be obtained at TCA.

HARVARD SQUARE CONCERT SERIES

Great Singers of Our Time at Harvard Sq. Theatre this season

Teresa BERGANZA Nov. 15
First Boston appearance; scored in N.Y. debut in April in "Cenerentola"

Regine CRESPIN Nov. 29
First Boston appearance; Met debut this fall as the Marchallin in Lehmann-directed "Rosenkavalier"

Victoria DE LOS ANGELES Jan. 23
Star of Met, La Scala, Covent Garden, Bayreuth, of recital and records

George LONDON Feb. 24
Great Boris, Scarpia, Wotan, Mandryka, Don; also famed in German, French song

Ferruccio TAGLIAVINI April 3
First Boston appearance following triumphal return to Met after absence of several years
Series tickets \$22.50, \$18.00, \$13.50 by mail from Harvard Square Concert Series Box 98, Cambridge 38

movies...

Sellers Also Actor

By Charles Foster Ford
Peter Sellers is known best as an excellent English comic. It is thus refreshing to find that in WALTZ OF THE TOREADORS, at the Exeter, not only his comic talents, but those of a moving serious actor, are given full display.

Sellers' General Leo Fitzjohn, fat and fiftyish, cuts a ridiculous figure. His shameless pursuit of the scullery-maids, his headlong gallops over the English countryside, his often drawn but rarely ready saber, are the qualities of a clown. But the general is given, also to chilling fits of self-realization, glaring honesty and insight which add a new dimension to his character.

The general's wife has kept him from desertion by deliberately turning invalid. For seventeen years Ghislaine, the girl he really loves, has waited for him, seeing him annually during brief military-affairs meetings in Paris. But, on the evening of his retirement from active duty, here is Ghislaine, at the general's manor-house, demanding that they run away together.

Dany Robin's Ghislaine is an enchanting, still youthful creature, determined to wait no longer. Her bewilderment and exasperation at the general's hesitance are quite understandable. She is a prize few men would think twice about claiming.

Emily (Margaret Leighton), the wife, is a bitter, spiteful ghost, penetrating the house with the piercing whistle of her speaking-tube, lashing her husband with a mournful whine of hatred. This is

one of the least sympathetic roles in all literature, and Miss Leighton makes it bleak and unforgettable.

The family doctor, Dr. Grogan, provides a kind of sympathetic chorus of this tangle of love, hate, and desire. Cyril Cusack plays him as an understanding old friend, aware of the general's emptiness and age, realistic enough to be brutal in pointing out the truth.

Suddenly, the general finds an unexpected rival in his orderly, Robert (John Fraser). The lieutenant is as young, and as eager, as the general must have been seventeen years before, and has the advantage of coming to his affair while still unmarried.

WALTZ OF THE TOREADORS has many fine scenes. It is a good film, alternately funny and moving. Its imperfections are slight, but all the more unfortunate for the excellence they spoil. There are too many chases over the English countryside. The first three are much fun but later they only delay the story. Also, the general's losing Ghislaine to Robert takes a disproportionately long time to complete itself, and therefore stands as a false climax. The general's final confrontation with his wife, the ultimate self-realization, is therefore made to seem an afterthought, which it is not.

Still, to say that a good movie showing several fine performances might have been improved upon, is to quibble unnecessarily with excellence. Sellers is not just a comedian, but a great actor, and this film proves it.

35 '62 Grads Studying Medicine

A record 35 members of MIT's 1962 graduating class planned to pursue studies in medicine.

The number is nearly twice as large as any previous year. Nineteen members of the 1961 class entered medical schools after graduating from the Institute, 20 from '60, 10 from '59, and 14 from '58.

Only two of the 35 selected from the '62 class for admission to medical school had decided on medical careers at the time they entered MIT as freshmen. The others made the decision during their college careers.

Twenty of the 35 majored in biology. Eight majored in humanities and science, or humanities and engineering. The group also includes three who majored in mathematics, two in chemistry, one in electrical engineering and one in physics.

McCurdy Gets Life

Horace W. McCurdy, a West Coast industrial executive, has been elected a Life Member of the MIT Corporation, according to a summer announcement.

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Two One-Act Plays

Dramashop Opens Season

The MIT Dramashop will open its fall season with an evening of one-act plays at the Little Theatre in Kresge, Friday, October 12, at 8:30 p.m.

The two plays are W. B. Yeats' "The Cat and the Moon" to be directed by Dick Nalbandian and "The Tinker's Wedding" by J. M. Synge, to be directed by the President of Dramashop, Bob Lancaster.

The evening of workshop plays is open to the public and admission is free. Following the performances, there will be a short critique of the plays with the audience invited to join with the actors and technicians in a discussion of the production from all points of view. A coffee hour will follow.

Dramashop's fall program offers another evening of student-produced one-act performances November 2 and the major production to be performed December 12 through December 15. The plays to be produced will be announced at a later date.

WGBH Notes New Studio Plans, But Finds Itself Needing \$100,000

WGBH has obtained land and drawn up plans for a new building.

Since its old studios, across from Building 7, were destroyed by fire last October, it has had to rely on facilities made available by the Catholic Television Center.

Though the land for the new site is worth over \$250,000, Harvard is making it available for an annual token fee of one dollar. Construction work has already started near the Harvard Business School and is due to be completed by next autumn.

After the fire a campaign was

launched to raise \$1.7 million. With the Ford Foundation matching every current gift, only \$100,000 remains to be raised from the public.

WGBH is an educational broadcasting organization affiliated with the National Educational Television network. It transmits its "The 21-inch Classroom" program to a quarter of a million school children daily.

Chorus Pro Musica At Symphony Hall

Concerts October 12 and 13 in Symphony Hall will be the first public appearance of the Boston Chorus pro Musica in the 1962-63 season. Erich Leinsdorf will direct the chorus as it sings Stravinsky's "Symphony of the Psalms" and the chorale from Bach's Cantata 18.

Eisenstein's "10 Days That Shook The World" plus Two Chaplin Films

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George B. Shaw's "Captain Brassbound" At Loeb Tonight

"Captain Brassbound's conversion" by G. B. Shaw opens tonight at Harvard's Loeb Drama Center, and will run through Saturday.

A return engagement of a production of the 1962 Harvard Summer School Players, it features Joanne Hamlin, Peter Haskell, Paul Bartow, and Terrence Currier.

Joseph D. Everingham, director of Drama at MIT, is responsible for the staging of the Shaw comedy. He directed it as one of the four offerings by the Harvard Summer School Players at the Loeb Theatre during the past summer. He also staged Ben Jonson's "Volpone" for the same group.

Tickets for the performances cost \$1.50.

Finboard Acts On Budgets

The Finance Board announces that it is considering final budget requests. Activities which have not yet met with the Finance Board on budgetary considerations are urged to contact Fin Board in Litchfield Lounge immediately.

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Thurs.—Eric Von Schmidt.
Fri.—Charles River Valley Boys with Geoff Muldaur.
Sat.—Keith and Rooney (8 p.m. to 12 p.m.)
Sun.—Jackie Washington and Mitch Greenhill.
Mon.—Films: "The Hunchback of Notre Dame," with Charles Laughton; "Captain Marvel Meets the Scorpion." 8:30, 10:30.
Tues.—Ramblin' Jack Elliott.
Wed.—Ramblin' Jack Elliott.

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Panel Questions Rival Politicians

(Continued from page 1)

port for the pending presidential order forbidding housing discrimination in federally subsidized projects. He added that he is certain the order will be signed by the end of the year.

Lodge Against Poll Tax

Lodge advocated the elimination of poll taxes and literacy tests requisite to voting. He

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drew applause by commenting that the executive order on housing had been pending for 616 days and that he was "glad to learn from good authority" (Ted Kennedy) that it would soon be signed.

Peabody stated that as governor he would appoint an advisory committee on civil rights and would support expansion of the Commission Against Discrimination.

Brooke proposed the strengthening of present laws against housing discrimination in Massachusetts.

In support of Kelly, his envoy cited several instances of anti-discrimination actions taken by Kelly in the past.

The MIT Railroaders Assn. will meet at 5 p. m. this afternoon in Room 1-236. Entertainment will include two films, New York Central's "Better Service Through Science," and AAR's "Science Rides the High Iron."

The Chemical Engineering Department will sponsor two graduate seminars on Friday. The first will be at 3:00 in Room 12-182 on "Soot Formation in Laminar Flames" and will be conducted by W. Dalzell. The second, "The Transpired Turbulent Boundary Layer" will be in Room 12-142 at 4:00 conducted by M. Frazer.

The Department of Metallurgy will sponsor a talk on "Antiferromagnetism in Metals

Notices

and Alloys" on Tuesday, Oct. 9 at 4:00 p. m. in Room 6-120. The speaker will be A. W. Overhauser of the Ford Scientific Laboratory.

Mr. Steiner, Chief Project Engineer for the Boeing 727, will give a seminar on the aircraft in Room 35-225 at 4:00 p. m. Thursday. The Boeing 727 is the first U. S. jet airliner to have the power plant in the tail. Course XVI, who is sponsoring the seminar, will have other speakers later in the year.

Prof. Allis Absent; Now Serving NATO

Physics Professor William P. Allis has taken a two-year leave of absence to serve as assistant secretary general of the North Atlantic Treaty Organization. He left for Paris after commencement week in June.

His NATO duties will include advising the Atlantic alliance on scientific matters, directing advanced study institutes and overseeing research grants in 14 countries.

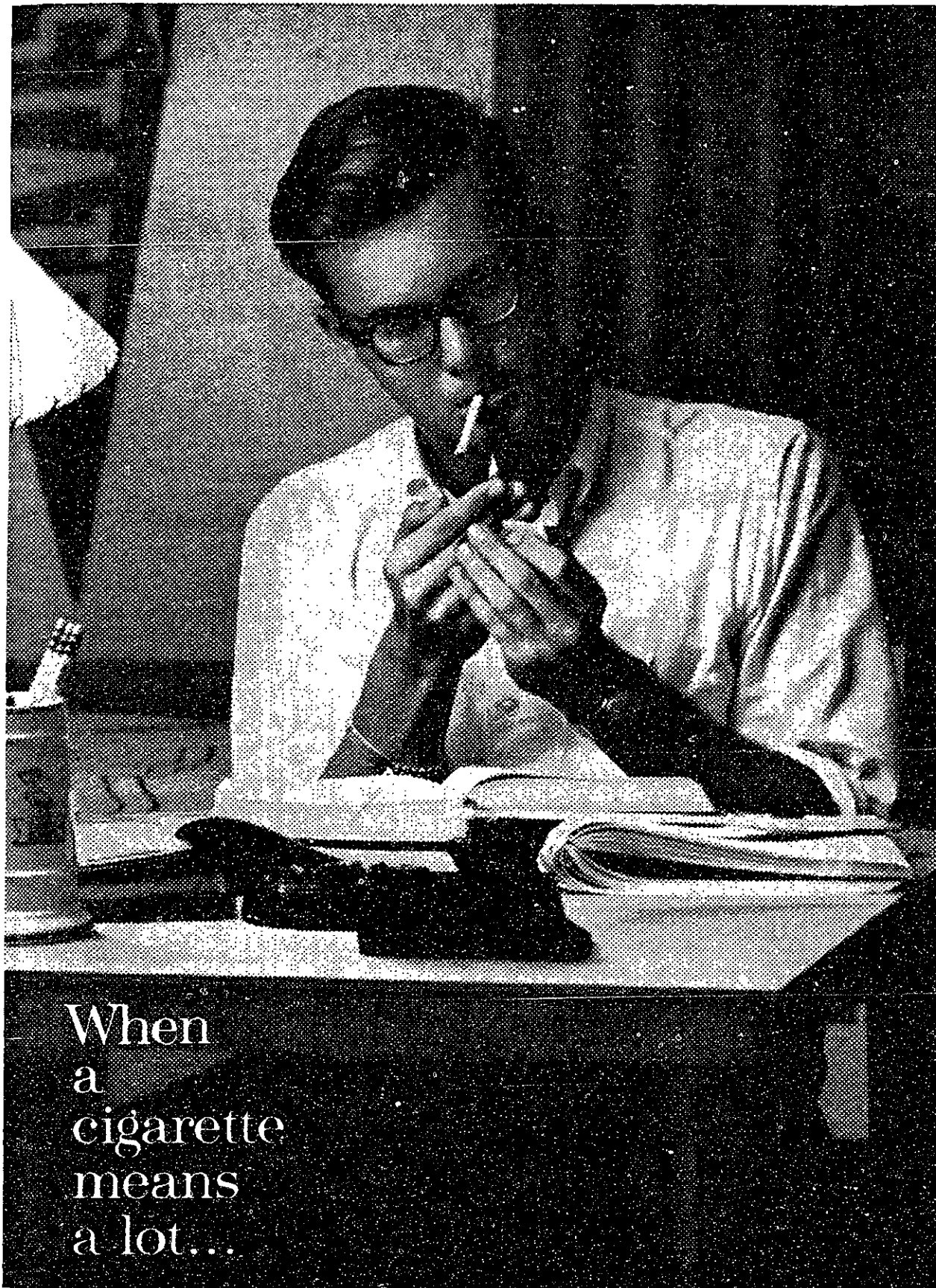
MIT Awards Its 2nd PhD In Oceanography

Bruce A. Warren of Arlington has received his PH.D. in physical oceanography — the second Ph.D. in this subject awarded by MIT. Warren, who has been working on research through MIT at the Woods Hole Oceanographic Institute on Cape Cod, came to MIT in 1958.

Dr. Warren's thesis, "Topographic Influence on the Path of the Gulf Stream," presents the theory that irregularities in the ocean floor have a direct effect on the path of the Gulf Stream.

He studied data collected by oceanographic vessels in previous years, crossed the Atlantic to take ocean samples at regular intervals, and correlated depth and temperature data. Dr. Warren will continue to work at Woods Hole as a research oceanographer.

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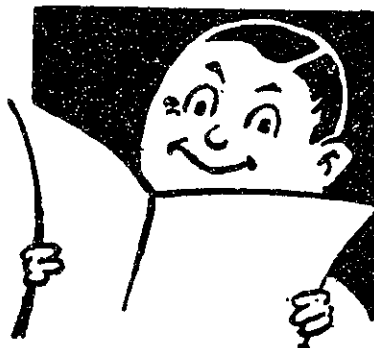


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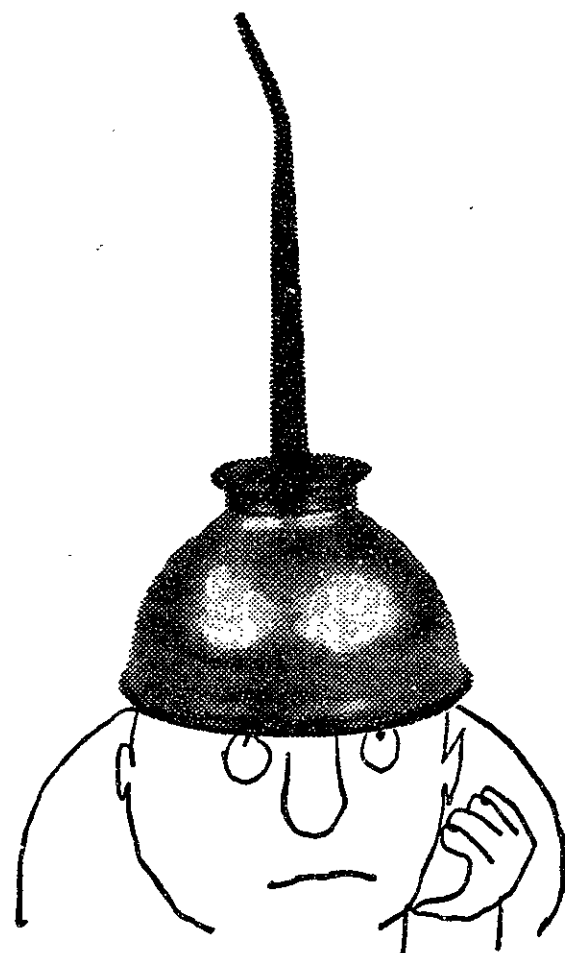
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In Business Week

By Anthony Pappas

In an August issue of "Business Week," Dr. Charles H. Townes, provost of MIT, was pictured with one of his lasers. Laser development has intensified in the last few months, with a great deal of work done here at MIT. For example, Dr. Townes has developed a gas laser which operates continuously at room temperature.

Idea Not New

The idea for lasers, and its counterpart the maser, came from classical physics and quantum theory which, according to Townes, was lying around ready to be put to use for 30 years.

In the early 1950s, there was talk of using molecular and atomic mechanisms to amplify radio waves. Townes led a group working on this at Columbia University. Townes' aim at the time was to develop radiation sources for far-infrared spectroscopy. In 1953, Townes' group built the first Maser that amplified microwaves. While in Paris in 1955, Townes got the idea of using a specially doped germanium material for a solid state maser, while at MIT M. Woodrow P. Strandburg developed a similar idea. In the end

of 1956, Bell Labs and Lincoln Laboratories built the first solid-state maser to amplify microwaves. In 1960, three Bell Labs scientists led by Dr. Ali Javan—now at MIT—produced a helium-neon laser that operates continuously in the infra-red area.

Possible Uses Increase

Lasers may find their greatest use in communications. Besides this, they can be used in ranging instruments, like radar. Since the signals from masers and lasers are extremely constant, they can be used as measuring instruments. A hydrogen maser clock, operating at microwave frequency, is being tested at Harvard University. It is expected to be accurate to within one second in 3-million years.

Right now, the only lasers on sale are laboratory instruments. This year about \$30-million will be spent on research and development.

Harnesses Light Waves

The name "laser," is an acronym of the job it does; light amplification by stimulated emission of radiation. Light from a laser doesn't diverge like an ordinary searchlight beam, dissipating its

Research Intensifies

Townes And Lasers Are Cited Again

power in the distance. Its waves are almost identical in length and frequency; they are coherent; they travel in the same direction. It can be focused, thus concentrating its power.

Most important, for communications use at least, a beam of coherent light provides the steady signal that can be modulated to convey a message, as a radio carrier wave is changed to carry a voice.

Competition Lies Ahead

Almost every radical new device seems to stimulate rival research and development, and this is happening to the laser. Its rival is a method, only partly understood, of generating light with a semi-conductor diode. In July, Lincoln Laboratories demonstrated a device that, initial findings hint, may be nearly 100% efficient in changing electric current to infrared radiation, though this is not the coherent light like that from a laser.

MIT Press Charts Independent Course

A new step was taken in a unique twenty-five-year-old cooperative publishing program with the announcement August 10 by John Wiley & Sons, Publishers, of New York and the MIT Press that as of January 1, 1963, the MIT Press will become a completely independent university press.

The pattern of cooperative publishing between the Institute and Wiley was established in 1937 and brought into being when the Department of Electrical Engineering at MIT launched four new textbooks—The Principles of Electrical Engineering Series.

Dave Brubeck
I'm in a Dancing Mood

Ray Conniff
The Way You Look Tonight

Miles Davis
If I Were a Bell

The Brothers Four
Marianne

André Previn
Like Love

Duke Ellington
Perdido

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Folk Music Sampler To Come To Kresge

"Folk Music Sampler" will be at the Kresge Auditorium October 13, at 8:30 p.m.

Presented by the Pershing Rifles, it will feature folk music players and singers, including Jackey Washington, Keith and Rooney, Erich Von Schmidt, and the Charles River Valley Boys.

For reservations, call extension 2910.

Inscomm OK's 'Weekend'

(Continued from page 1)

to their course material and its presentation and convey these suggestions to the faculty;

(3) the council, in its present political form, provides a training ground for student leaders.

The final consensus was that plans for a reorganization be shelved until the new responsibilities and orientation of the Freshman Council are more clearly delineated.

SCEP Plans Expanded Activities

Al Koestler, head of the Student Committee on Educational Policy, will try to put the "freshman feedback" program, tried experimentally last semester, into full-time operation. The committee will assist the faculty in evaluating and discussing the "feedback."

New projects may include a study of the advantages and disadvantages of the "cum" rating, and exploration of educational processes in other schools around the country.

Inside Inscomm

Frosh Council Improvements Expected During Fall Term

By Woody Bowman

The Freshman Council has not been a very meaningful organization in the past. The Institute Committee recently denied a reor-



sure that the subcommittee chairization of the Council which would have changed the concept of the Council radically.

I cannot say that I am entirely disappointed with this move. I have never before seen the Institute Committee so interested in an issue or debate so lively. I think this is a good sign. I feel men will add a new dimension to their thinking in terms of working with the Council.

Freshman Coordinating Committee Chairman Bill Pinkerson, while he does not intend to "push or pull" the Council, will be able to provide some effective guidance by suggesting to the Council leaders Inscomm programs in which the Council can become active.

The issue of reorganization is only on the table; it will be considered again in January. If the Council does no better this term under an enlightened Institute Committee, then it will indeed be time to take a hard look at the intrinsic deficiencies of the composition of Council.

Concerning the Student Union, we are beginning to outline methods for operation and programming of events once the structure is completed. Some members of the Institute Committee and the Dean's Office will be attending a regional conference of student union managers in Maine this weekend.

The plan for turning Spring Weekend into Winter Weekend is rapidly becoming popular. I hope that it becomes a reality. Though some more research is necessary before a decision can be reached, I expect it very shortly. The committee under Bart Weitz is doing a fine job and will very likely keep us from sustaining a loss this year.

Yom Kippur

High Holy Day Services of the MIT Hillel Society will be held as follows:

Traditional Reform

Kresge Auditorium—MIT Chapel
Sunday—6:20 p.m.—7:30 p.m.
Monday—8:30 a.m.—10:00 a.m.

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RULES: The Reuben H. Donnelley Corp. will judge entries on the basis of humor (up to 1/2), clarity and freshness (up to 1/2) and appropriateness (up to 1/2), and their decisions will be final. Duplicate prizes will be awarded in the event of ties. Entries must be the original works of the entrants and must be submitted in the entrant's own name. There will be 50 awards every month, October through April. Entries received during each month will be considered for that month's awards. Any entry received after April 30, 1963, will not be eligible, and all become the property of The American Tobacco Company. Any college student may enter the contest, except employees of The American Tobacco Company, its advertising agencies and Reuben H. Donnelley, and relatives of the said employees. Winners will be notified by mail. Contest subject to all federal, state, and local regulations.

THE ANSWER:

A MONKEY WRENCH

THE QUESTION: What would you use to tighten a loose monkey?

THE ANSWER:

Alma Mater

THE QUESTION: What is Pete Mater's sister's name?

THE ANSWER:

G.B.S.

THE QUESTION: Can you name three letters besides ACDEFHIJKLMNOPQR TUVWXYZ?

THE ANSWER:

Night after night in that log cabin he studied by firelight

THE QUESTION: Why is Abe's eyesight so poor?

THE ANSWER:

One Hamburger, One Frankfurter

THE QUESTION: Where in Germany are your two friends from?

THE ANSWER:

a four-bagger

THE QUESTION: What would you call a really strong cup of tea?

The answer is:

Get Lucky

the taste to start with...the taste to stay with

The question is: WHAT CIGARETTE SLOGAN HAS THE INITIALS GL ttsw . . . ttsw? No question about it, the taste of a Lucky spoils you for other cigarettes. This taste is the best reason to start with Luckies... the big reason Lucky smokers stay Lucky smokers. This taste makes Luckies the favorite regular cigarette of college students. Try a pack today. Get Lucky.



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Tech Soccermen Edge Coast Guard 1-0

Cross Country Squad Falls To Boston College Despite Strong Effort

Despite a definite improvement over last year's squad, the Tech harriers fell to mighty Boston College on Monday, 15 to 50. Larry Rawson, BC's first man and the best miler in New England, won handily. The first six runners for MIT, however, finished consecutively, showing that the team is very well balanced.

McMillin Leads Beavers

Dick McMillin, the sophomore speedster, finished first for the Beavers. He was followed closely by co-captain Tom Goddard. Close on Goddard's heels were Chuck Sigwart, '64, Dean Hubbard, '65, Mike Oliver, '65, and co-captain Roger Hinrichs, '63, in that order. Several runners including Tom Goddard and Chuck Sigwart registered lifetime low times on the Franklin Park course.

Frosh Edged By BC

On the freshman level, the little Beavers lost a tough one 34-37, to Boston College. Sumner Brown '65, was the individual winner over the 2.6 mile freshman course. Rob Wesson, '65, finished fourth overall and second for MIT. Other freshmen in the top five were John Rible, Ken Caneva, and Monty Graham.

This Saturday the varsity runs Worcester Poly at Franklin Park at 2:30. Today the freshman race at Andover.

Klare Sails For US, Tops British Dinghies

Two weeks before the start of the America's Cup races, a group of New England collegiate sailors twice defeated a British team in dinghies on the Charles River. Sailing for the New England Intercollegiate Sailing Association was Ken Klare, '63, MIT, and members of a number of Northeastern colleges, William S. Cox, Jr., and Edward A. Greenburg, Princeton; Neil Thomas, Cornell; Gary Powers, R P I; Dennis Connors, San Diego State, and Steve Martin, Coast Guard.

Representing England were J. N. Prosser, captain, and D. E. Prior-Palmer, Oxford; J. C. Thompson, J. Ware, and P. R. Bainbridge, Cambridge; and C. R. Keith, London.

The Americans won the British-American Trophy for the first time, racing five team races and winning them all — (23¼ - 16, 20¼ - 18, 18¼ - 18, 22¼ - 17, and 20¼ - 19).

How They Did

Soccer

MIT 1 — Coast Guard, 0

Cross Country

Boston College 50 — MIT 15
(F) Boston College 37—MIT 34

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By Roy Hamlin

MIT's soccer team opened its season last Saturday by edging the U.S. Coast Guard Academy, 1-0.

In the first half the MIT forward line completely dominated play, giving the Engineers their margin of victory. Only spectacular play by the Coast Guard goalie prevented the game from turning into a rout. The second half was marked by sloppy play in the part of both teams.

Gander Scores

The only goal of the game was scored in the 36th minute by outside right Fred Gander, '65, on a corner kick by outside left Mohammed Chikhaoui, '65. This was placed high and inches from the cross-bar. Co-captain James Tang '63 moved to play the ball and collided with the Coast Guard goalie. The kick sailed over both and was chested into the goal by Gander.

In the second half the Engineer's offense ran out of steam. The game became merely a question of whether or not Coast Guard could manage to score against a

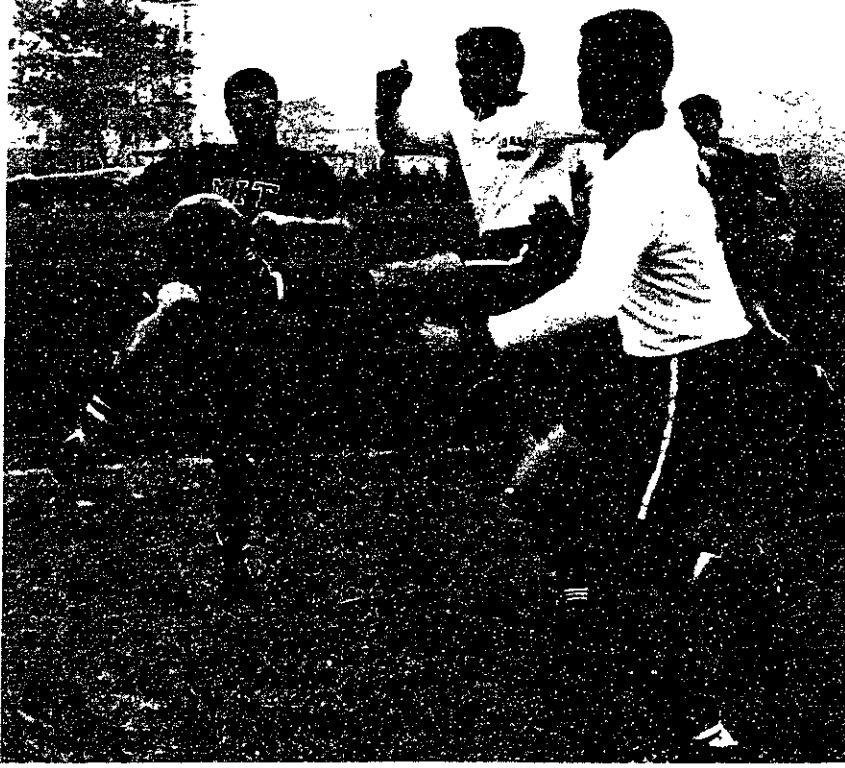
defense weakened by the injury of its only letterman, co-captain Sylvester Okereke '63. Excellent play by sophomore center half Mac Littlefield helped hold the opposition until the final gun.

Lack Spirit

The Engineers have yet to show the spirit which nearly carried them to a New England championship a year ago. The ball control in the first half against Coast Guard was often brilliant but the line could not build up a substantial lead. In the second half when the Tech line did not control the play the defense had difficulty clearing the ball from their penalty area.

Next Saturday Trinity will provide the first big test of the season for the Beaver eleven. Last fall this team outplayed an unusually strong Tech team in every conceivable way except the score and lost 2-0. The Tech booters must be considered a definite underdog to a vengeful Trinity squad.

Yesterday, the Beaver's played W.P.I. at the opponents home field in Worcester.



Fred Gander, '65 (dark jersey) is stymied by Coast Guard defenders in an attempt to score in Saturday's soccer contest at Briggs Field. Gander later went on to find the mark and provide Tech with its 1-0 victory. (Photo by John Torode).

Crucial Games In 5 Leagues To Decide Football Titles

Intramural football continued at its usual heated pace this weekend with play being marked by a number of crucial games between league powers. Five of the ten leagues have two way ties for first place. Thus, team spirits are generally high as next week's contests will decide league crowns.

Strong Defense Highlights Play

Low marginal victories were the order of the day when Beta Theta Pi, now League I leader, sneaked by Graduate House 7-6. While both teams sported formidable defenses, an extra point by Kent Groninger, '63, for the Beta's made the difference. Also winning in League I was Phi Delta Theta, scoring an impressive victory over Baker House 45-0. Top scorers for the Phi Delt's were Dick Lipes, '64, and Roland Cannon, '65, who shared twelve-point honors.

Delta Upsilon, Sigma Chi Tussle

Action in League II was highlighted by a close battle between Delta Upsilon and Sigma Chi. All scoring took place late in the first half. Jim Allen '64 tallied on an around end run for the DU's shortly after a fiery Sigma Chi defense had produced a safety. Both teams then put up stout defensive armours for the remainder of the game which DU won 6-2. In another game, TD's by Bill Eagleson, '64, and Norm Weeks, '62, carried East Campus past Phi Kappa Theta 15-7.

Tie For Lead

Play in League III produced a tie for league leadership between Lambda Chi Alpha and Delta Tau Delta. The Lambda Chi's, led by Dave Sikes, '63, passing stampeded Sigma Phi Epsilon 40-6. At the same time, Delta Tau Delta overpowered Theta Delta Chi 20-

0. The Deltas and the Lambda Chi's will meet next week in a decisive battle.

Another tie situation arose in League IV when Sigma Alpha Epsilon and Phi Gamma Delta both won. The SAE's confused the Burton House defense with 28 points to the Burton 0. Roy Wittenback, '65, a Fiji, paced his team to an 18-6 victory over Theta Chi as he returned a kickoff for a touchdown.

Maskrey Leads Scoring

Bob Maskrey, '62, scored 18 of 19 points for Alpha Tau Omega in their Division B class. Other "B" winners were Phi Sigma Kappa, Zeta Beta Tau, Student House, Kappa Sigma, and Sigma Alpha Mu. Alpha Epsilon Pi and Pi Lambda Phi clashed Tuesday afternoon.

DIVISION A

League I
Beta Theta Pi 7 Grad House 6
Branson 6 Bombak 6
Groninger 1

Phi Delta Theta 45 Baker House 0
Lipes 12
Yansen 7
Cannon 12
Kolts 6
Morris 6

League II

Delta Upsilon 6 Sigma Chi 2
Jim Allen 6 Safety
East Campus 15 Phi Kappa Theta 7
Weeks 6 Charchut 6
Bill Eagleson 7 Shinoro 1

League III

L'da Chi Alpha 40 Sigma Phi Eps'n 6
Beach 18 Fox 6
Pasquale 14
Sikes 6
Delta Tau D'ta 20 Theta Delta Chi 0
Dreiss 7
Downie 6
Driscoll 7

League IV

S'a Alpha Ep'n 23 Burton House 0
Balls 7
Lecoir 12
Rein 1
Lambert 1
Souk 7
Phi G'ma D'ta 18 Theta Chi 6
Moter 6 Heinricks 6
Gastin 6
Wittenback 6

DIVISION B

League V
Al'a Tau Om'a 19 Phi Kappa S'ma 0

League VI

Phi S'a Kappa 46 Walker Din. 11

League VII

Zeta Beta Tau 32 Phi Beta Eps'n 0
Student House 23 Phi Mu Delta 6

League VIII

No Games
Kappa Sigma 26 Theta Xi 7
(non-league game)

League IX

Sigma Al'a Mu 34 N.R.S.A. 0

IM FOOTBALL STANDINGS

(October 1, 1962)

League I	W	L	T
Beta Theta Pi	2	0	0
Phi Delta Theta	1	0	1
Graduate House	0	1	1
Baker House	0	0	2
League II	W	L	T
Delta Upsilon	2	0	0
East Campus	1	1	0
Sigma Chi	1	1	0
Phi Kappa Theta	0	2	0
League III	W	L	T
Lambda Chi Alpha	2	0	0
Delta Tau Delta	2	0	0
Sigma Phi Epsilon	0	2	0
Theta Delta Chi	0	2	0
League IV	W	L	T
Sigma Alpha Epsilon	2	0	0
Phi Gamma Delta	2	0	0
Theta Chi	0	2	0
Burton House	0	2	0
League V	W	L	T
Alpha Tau Omega	2	0	0
Phi Kappa Sigma	1	1	0
Nuclear Engineering	0	1	0
Tau Epsilon Phi	0	1	0
League VI	W	L	T
Alpha Epsilon Pi	1	0	0
Pi Lambda Phi	1	0	0
Phi Sigma Kappa	1	0	0
Walker Dining Staff	0	2	0
League VII	W	L	T
Student House	2	0	0
Zeta Beta Tau	2	0	0
Phi Mu Delta	0	2	0
Phi Beta Epsilon	0	2	0
League VIII	W	L	T
Sigma Nu	1	0	0
Grad House Dining	1	0	0
Chi Phi	0	1	0
Burton B	0	1	0
League IX	W	L	T
Delta Kappa Epsilon	1	0	0
Senior House	0	1	0
Theta Xi	0	1	0
League X	W	L	T
Sigma Alpha Mu	2	0	0
NRSA	1	1	0
Kappa Sigma	0	1	0

On Deck

Today, October 3

Cross Country (F) — Andover, Away, 4:00 P.M.

Golf (V) — Rhode Island, Home, 1:00 P.M.

Saturday, October 6

Cross Country (V) — WPI, Home, 2:30 P.M.

Soccer (V) — Trinity, Home, 2:00 P.M.

Soccer (F) — Army, Away

Sunday, October 7

Sailing (V) — Sloop Eliminations, Away, at Coast Guard.

Sailing (F) — Nonagonal, Home.

Harriers Face Andover

Frosh Set For Action In 3 Fall Sports

By Ed Steinberg

Having survived two weeks of MIT life and one 18.01 quiz, many members of the class of 1966 are now looking forward to participating in intercollegiate sports. Three frosh teams, cross country, soccer, and sailing, will see heavy action during the fall. Today Frosh harriers meet Andover at the opponents course.

It is still too early to give an accurate preview of the freshman cross country season, but to date

four runners, Rob Wesson, John Rible, Sumner Brown, and Monty Graham, have distinguished themselves in practice. Billy Friedman, Fred Gruhl, Joe Shaffery, Ken Caneva, Rusty Epps, Paul Lindsay, and Ed Fiala have also earned spots on the team.

As in the past, the distance men will be competing against stiff competition. Such perennial powers as Boston College, Northeastern, and Wesleyan appear on the fall schedule.

Martin Eyes Seasoned Players

Several seasoned soccer players have already caught the attention of freshman coach Ben Martin. However, the overall talent on the team is thinner than in previous years and there are still quite a few open berths on the squad. Also, the team is still looking for a manager. Savit Bhotiwhok, Carson Eyoang, Jose Miron, Enrico Poggio, and Tomas Van Tienhoven appear to be the team's bright spots.

Our yearling soccer teams have always been handicapped by lack of experience. In addition, the shortness of the thirty day season does not provide the coaching staff with enough time to mold a coordinated unit out of boys who have never played together. This year's schedule is highlighted by games with Andover, Exeter, Harvard Frosh, and the Army Plebes.

Sailors Lack Experience

The freshman sailing team is short of both personnel and experience, and does not appear to be nearly as strong as last year's championship aggregate. At the moment the more knowledgeable navigators seem to be Bob Hatch, Terry Cronburg, and Everest Whited. Hatch has piloted starlets in the past, while Cronburg and Whited have had experience with penguins. Jeff Kenton, Bob Purssell, Roberto Sada, and Joe Smullin have also qualified for the team.

During the fall the sailors will compete against such teams as BC, BU, Brown, Coast Guard, and Northeastern.

IM Tennis Tourney In 2nd Round

Despite interruptions by occasional rainstorms, the intramural tennis tournament has gotten well under way, with two first-round and one second-round match being played off in the past week.

Play began on Tuesday, September 25, as Alpha Epsilon Pi nosed out Delta Upsilon, three matches to two. Scores were: Jim Evans (DU) over Rich Millman, 8-3; Bob Lurie (AEPI) over Charles Tyler, 8-2; Ed Strauss (AEPI) over John Roach, 8-3; Al Zobrist and Bill Samuels (DU) over Mike Hirsch and Tom Brylawski, 8-4; Cliff Weinstein and Norm Rubin (AEPI) over George Borton and Ray Schwitters, 8-1.

Phi Gamma Delta downed Burton AA, Wednesday, September 26. PGD scored as Monroe Labouisse defeated Pete Lehman, 8-2; Don Aucamp won over Bob Kemper, 8-2; John Dicke downed Harry Marshall, 8-2; and Charlie Smith and Roy Wyttenbach edged

Dusman Israel and David Barber by 8-6. For Burton, Ed Rinehart and Mike Sullivan won their match by 8-6 over Randy Seba and Doug Wilson.

Phi Gamma Delta then advanced to the third round, on Tuesday, October 1, by winning a tight, 3-2 match over AEPI. PGD took first and third singles, and first doubles: Labouisse 8-2 over Lurie, Wilson 8-4 over Millman, and Chuck Ingraham and Dicke 8-3 over Rubin and Weinstein. AEPI scored as Phil Strause outstroked Randy Seba, 8-4, and as Hirsch and Millman topped Smith and Don Floyd, 8-0.

Play in the tournament will resume on Thursday, October 3. Because of last week's rain, the dates of all scheduled matches will be moved forward a week unless teams are otherwise notified. The final has been scheduled for Saturday, October 13.